GLUSHAKOVA, N.Yo.; LAGUTO, F.M.; LUCHENOK, O.S.

Vitamin C in the liver and the wall of the small intestine in radiation sickness in animals synthetizing ascorbic acid. Med. rad. 5 no.4:

86-87 Ap '60.

(ASCORBIC ACID)

(LIVER)

(EMPLITICE)

(MIRA 13:12)

(FADIATION SICKNESS)

GLUSHAKOVA. N.Ye. [Hlushekova, N.E.]; LAGUTO, F.M. [Lahuta, F.M.];
IVANOVA, Y.S.; MEMEZHINSHIY, M.F. [Merazhynski, M.F.]; TARAN.YICH,
G.L. [Taranovich, H.L.]; SHIFMAN, A.S. [Shyfman, A.S.]

Biosynthesis and metabolism of ascorbic said avitar rats during
fractional ionizing irradiation in small doses. Vestal AN RSSR.

Ser.biial.nav. no.2:96-101 '62. (MIRA 15:8)

(SADIATION—PHYSIOLOGICAL FFFTCF) (ASCORBIC ACTE)

GLUSHAKOVA, N.Ye.; TARANOVICH, G.L.; LAGUTO, F.M.

Some indices of tissue metabolism in reduced function of the thyroid

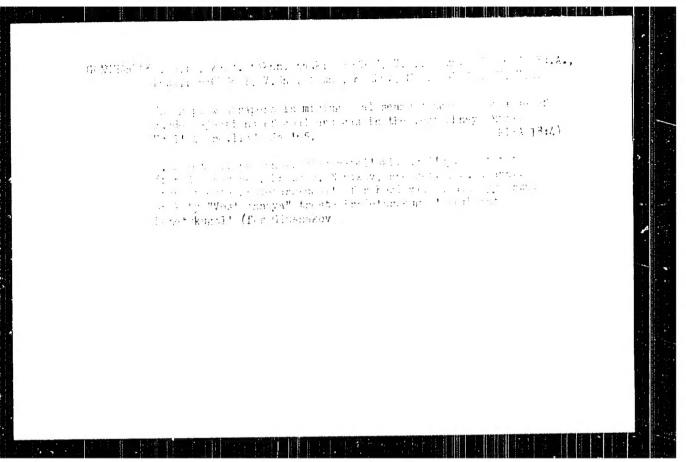
gland. Probl. endok. i gorm. 10 no.6:24-27 N-D '64. (MIRA 18:7)

1. Kafedra biokhimii Minskego meditsinskego instituta; rukoveditel' - prof. M.F.Merezhinskiy.

Magnesy ekenomicha woy i p Billidwah y peoprafti
"The blems of Foundation and Folitheal Generals" Madwa, ind--vo
IME, 1982.

174 r. maps, tables.
At head of title: Macoow, Institut Machinersonnyih in Sheniy.

Pibliographical fo tnotes.



FILOSOFOVA, T.G.; SHEKHTER, A.B.; GLUSHAN, Ye.F.

Siffectiveness of intracutaneous vaccination against conflet fever with purified concentrated toxin; author's abstract. Zhur.aikrobiol. epid.i tmsun. no.3:36 Mr '54. (MRA 7:4)

1. Iz Ukrainskogo instituta epidemiologii, mikrobiologii i giglyeny v Kiyeve (direktor - kandidat meditsinakikh nauk S.N.Terekhov). (Scarlet fever) (Vaccination)

pcv/22-59-5-25/25 1 Yemchuk, Ye.M. and Glushan, Ye.F. AUTHORS Dermacentor Pictus Herm. Ticks, Carriers of Brucellosis TITLE. Acents Dopovidi Akademii nauk Ukrains'koi RSE, 1959, Nr 5, PERIODICAL. pp 557-559 (USSR) About 7,000 ticks were collected by the authors from ABSTRACT . cattle showing positive brucellosis reactions in serological tests in the Novograd-Volynskiy district, Zhitomir oblast', in May 1958. They included such species as Ixodes ricinus, Dermacentor marginatus and Dermacentor pictus. The authors made it their aim to determine the role of these ticks in spreading the Brucellosis infection. A suspension was made of 20-40 female ticks, not less than 800 larvae and 1 g of eggs. The suspension was fixed onto liquid and solid nutrition media and also tested biologically on white mice. Processing the suspension's products, the authors managed for the first time in the Card 1/3

000/21-53-5-25/25

Dermacentor Fictus Herm Ticks, Carriers of Brucellosis Agents

Ukraine) to separate out six strains of Brubella abortus bovis, three from half nourished tick females, two from larvae and one from eggs. The larvae and eggs were obtained from females who fed on diseased animals. Brucella from the infected females passed into the eggs and larvae during the development process. No Brusella abortus bovis was separated out from the secretions taken from infected mice. Thus, the authors have established that the above. named ticks were carriers and transovarial transmitters of brucellosis agents. In the text, the authors have made numerous references to works listed in the reference block, and apart from that have mentioned the names of 1.M. Khatenevar, Frunfest, Francis and Moslovskiy. The typization of the separations of the authors' curture of Brucella abortu, bovis was done by the chief of the aco section of the Institut epidemiologic i mikrobiologic Ministerstva zdrazookhraneniya UkrGJR (Institute of Epidemiology and Microbiology of the Ministry of Health

Card 2/3

017/21-59-5-25/25

Dermacentor Pictus Herm. Ticks, Carriers of Brucellosis Agents

of the UkrSSR) 0.5. Korotich, to whom the authors express

their sincere appreciation. There are 14 Soviet

references.

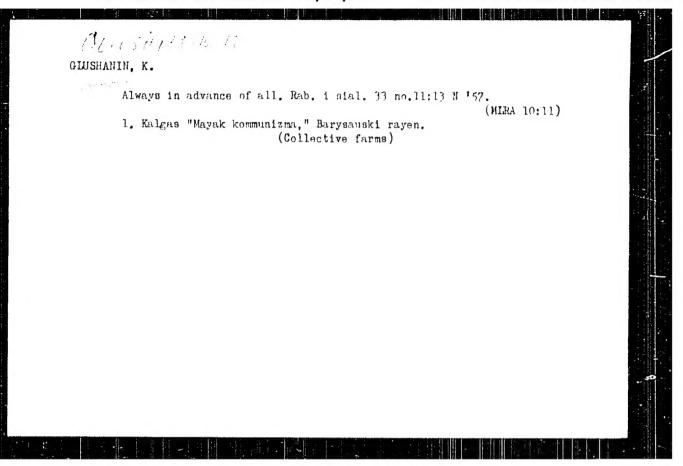
ASSOCIATION Institut zoologii AM Ukr3SR (Institute of Ecology of the

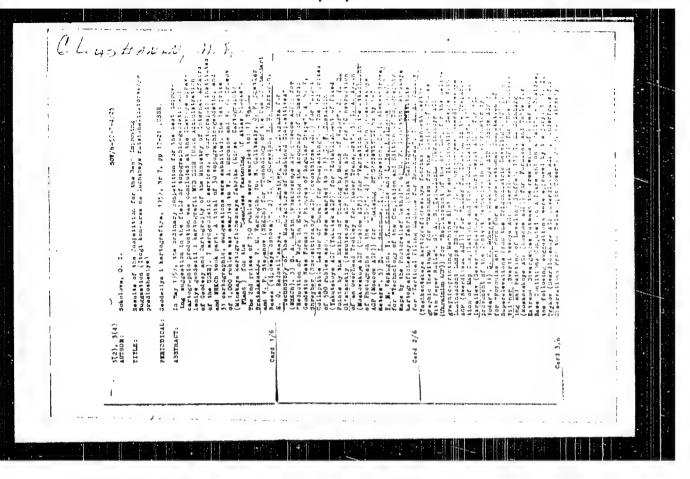
AS UkrSSR)

PRESENTED By A.P. Markevich, Member of the AS UkrSSR

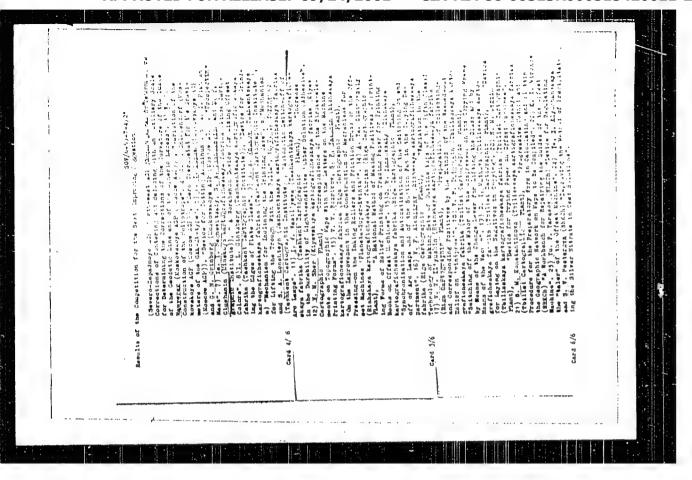
SUBMITTED: January 51, 1989

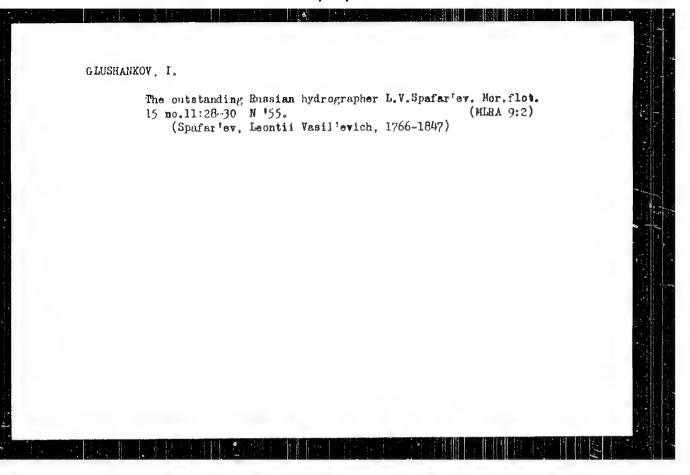
Card 3/3





"APPROVED FOR RELEASE: 09/24/2001 CIA-RDP86-00513R000515420011-2



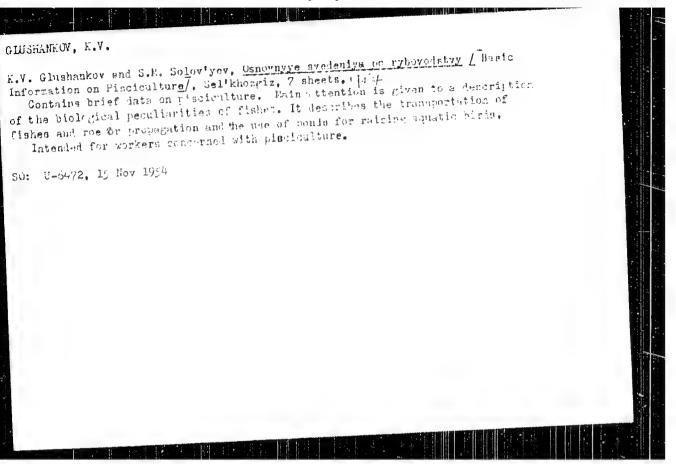


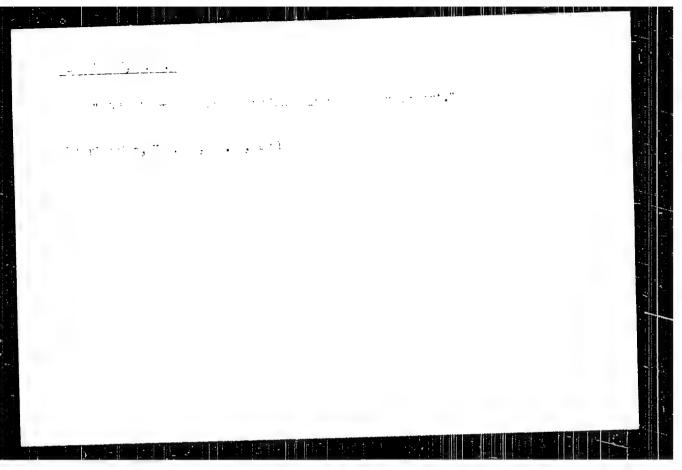
Collective farms buy new fire equipment. Pozh. delo 9 no.9:26 S '63. (MIRA 16:10)

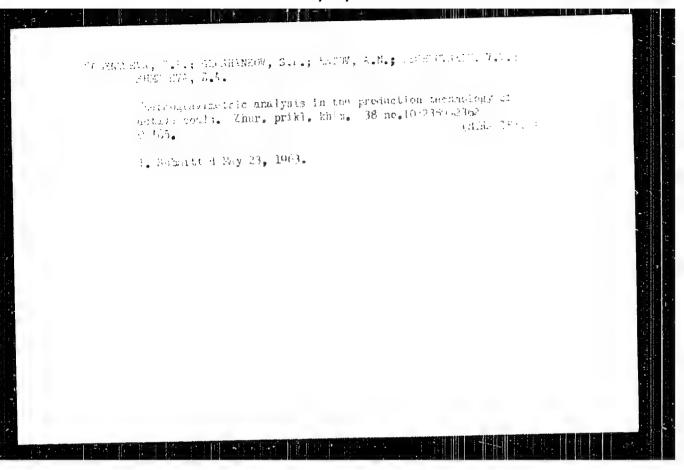
1. Fredsedatel' Dobrovol'nogo pozharnogo obsherestva Goretskogo rayona, Mogilevskaya obl. (Farm buildings...Fires and fire prevention)

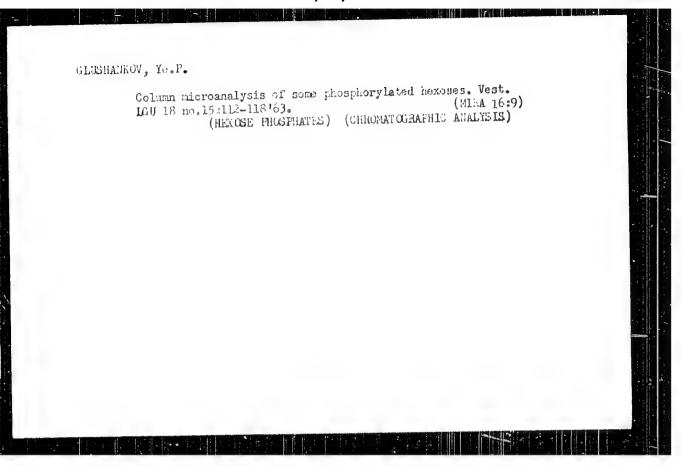
# "APPROVED FOR RELEASE: 09/24/2001

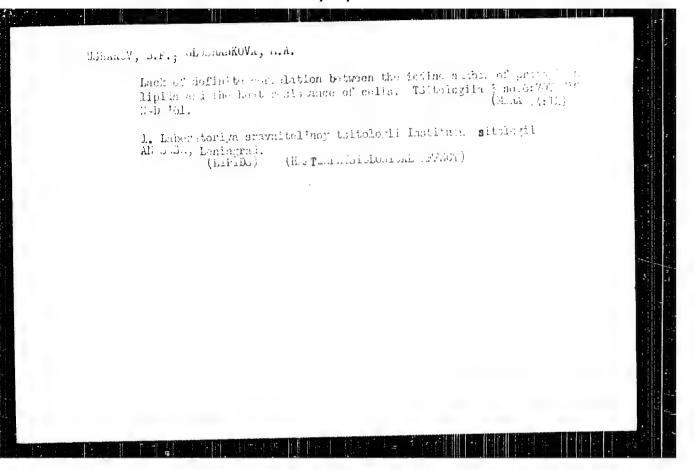
# CIA-RDP86-00513R000515420011-2











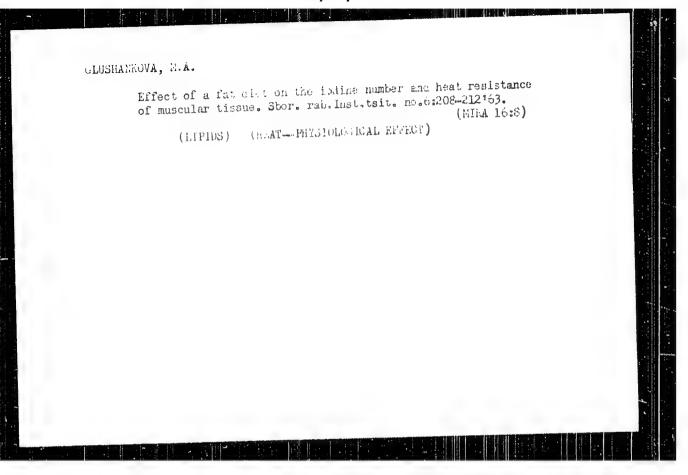
USHAKOV, B.P.; GLUSHAMEOVA, M.A.

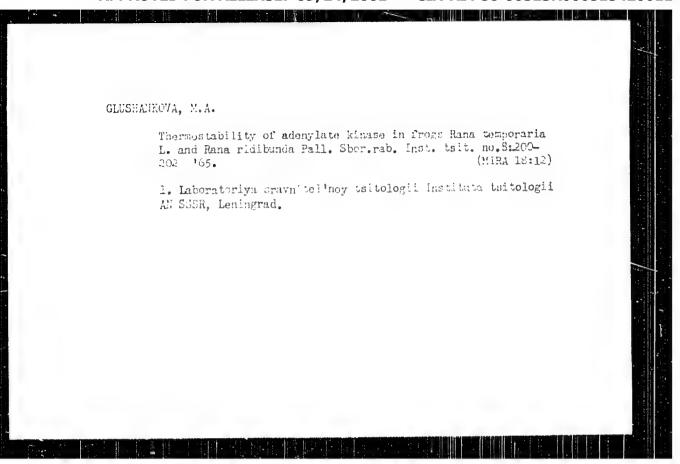
Iodine number of lipids and heat resistance of the muscle tissue of lake frogs (Rana ridibunds Pall.) inhabiting cold and warm springs. Dokl. AN SSSR 143 no.2:437-440 Mr \*62.

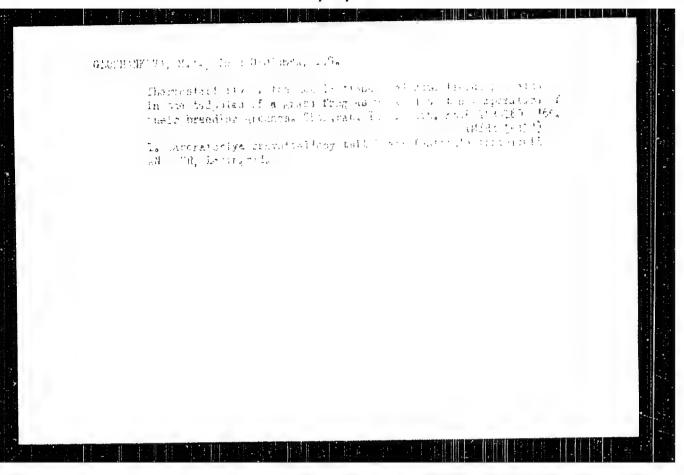
1. Institut tsitologii AN SSSR. Predstavleno akademikon Ye.N.Pavlovskim.

(TEMPERATURE—PHYSIOLOGICAL EFFECT)

(FROGS LIPIDS)







ATHITECH Filiatoev, J. P.; Glamanaova, D. I., (Deceased) Quality of Molding Planter (Karm atve formove son to TITLE: girca) Stable : Rememble, 1979, Wr 9, 11 \*\* - \* [TD32] PERI DIDAL: The species consultion (in [) of hydrette. To ALSTRACT: "21 - I plaster" produced by the Enthrick Edge to v that of the usually used "boiling planter" (virtehaly gips) produced by the Kaddaut crol is cover in a like t The payerial and mechanical proporties of these two plaster brands are presented in table . Experiments were conducted in the Porcellin. Works itemi A.J. Ecl. 12. with "slaked planter", it proves, however, to be ununited for the production of plaster molis is porcelause and fagence works. The student sierification for the fit does not meet the requirements of or elim and false se industry. A high purity of the raw materials is noncilered to be the fundamental condition in the production of high-quality pluster. The Soviet Union possesses a great number of cites where plaster stone is found. The law Card 1/3

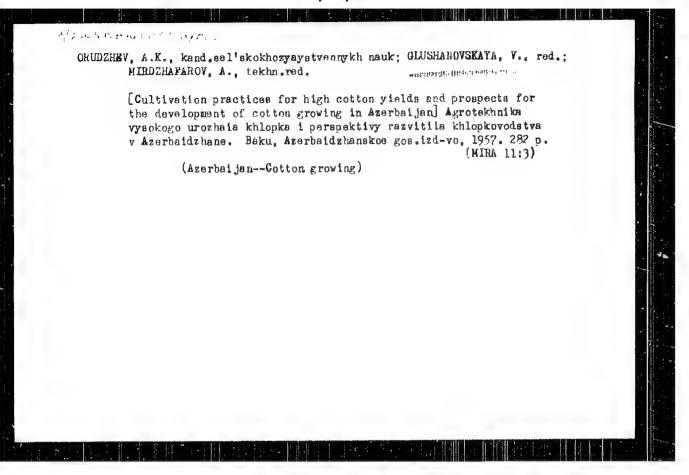
Quality of Molding Plaster

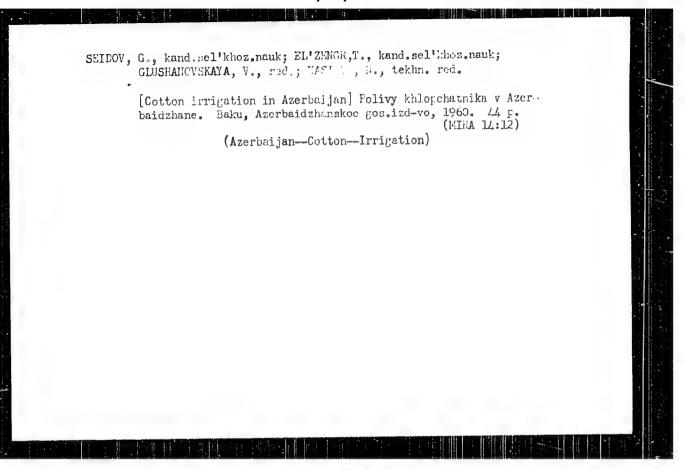
307, 72-38-9-13, 35

quality of molding placter can apparently be decided by a negligent handling in the mining, by had somering, by accidental addition of impurities during transportation. by crushing only to a course grain and by bai "boiling" The Conference on Molding Plaster held in Mornow in July 1956 demonstrated test only little selectific research is done and only few technological investigations are carried out aiming at an improvement of planter quality Laboratory control in the manufacturing and concuming works is insufficient. It is recommended to establish at ROSHIELS a special latoratory for plaster research. which would engage in work aiming at an improvement of the quality of molling plaster and at the levelspoont of a method of quality control. There are 2 tables.

ASSOCIATION: Gosudarstvennyy nauchno-icsledovateltokny keranicheskny a mt. (State Scientific Research Institute of Germics)

Card 2/3





ABBASOV, S.A.; GEUSHANOVSKAYA, V., red.; AKHMEDOV, S., tekhn.red.

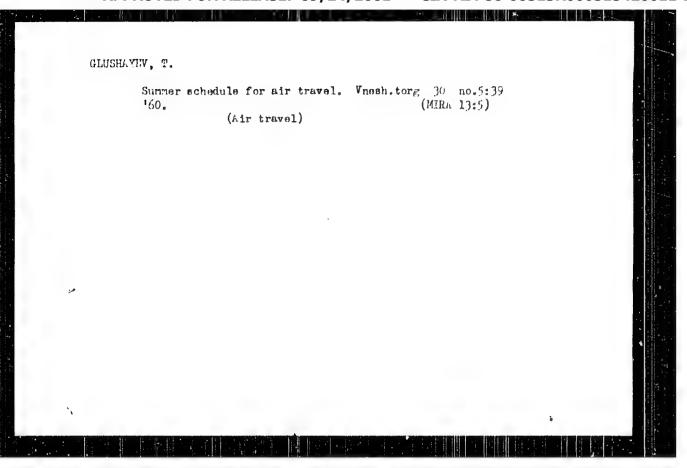
[Technology of Azerbaijan wine meking] Tekhnologiia vin
Azerbaidzhana. Baku, Azerbaidzhanskoe gos.izd-vo, 1960.

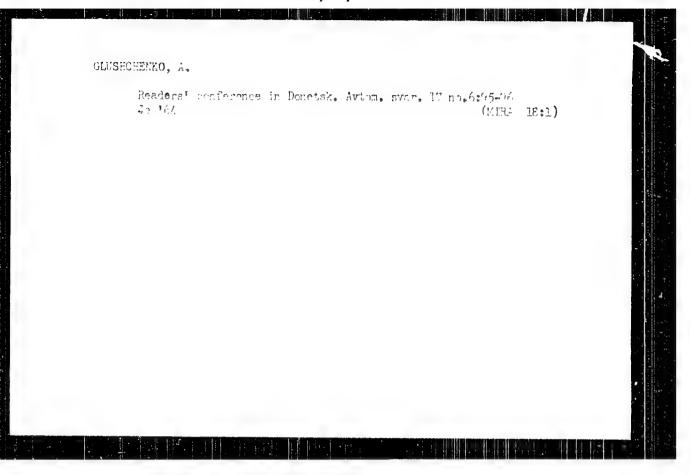
(MIRA 14:4)

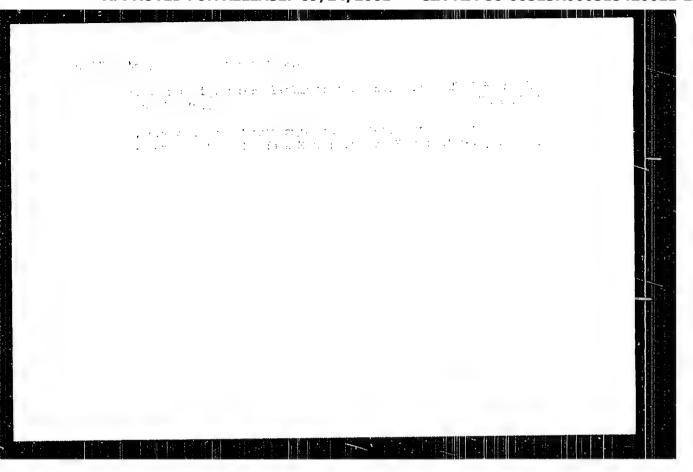
(Azerbaijan--Wine and wine making)

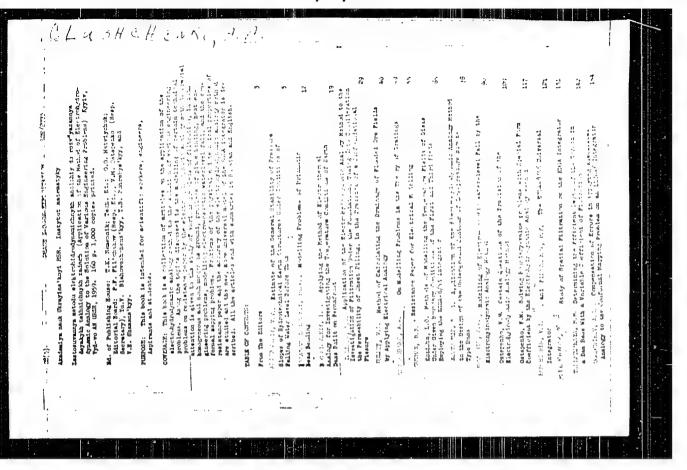
GUSEYNOV, G.M., kand.sel'skokhoz.nauk; GLUSHANOVSKAYA, Y., red.;
NASIROV, N., tekhn.red.

[Instructions on the technical and organizational aspects of furrow irrigation of cotton] Ukazaniia po tekhaika i organizataii poliva khlopchatnika po borozdam. Baku, Amerbaidzhanakoe gos.izd-vo. 1960. 68 p. (MIRA 14:1) (Cotton--Irrigation)









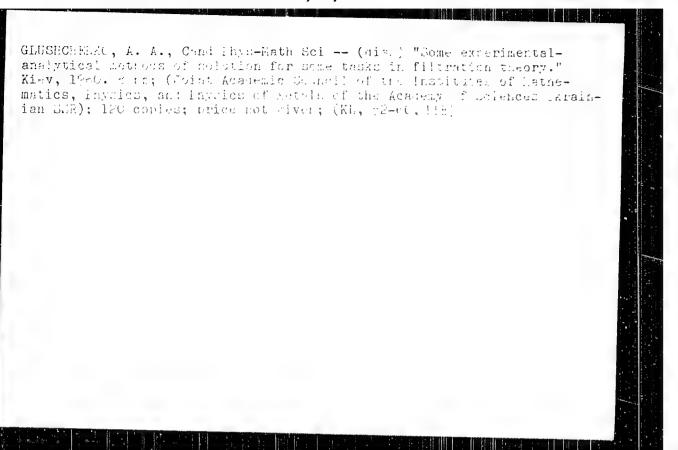
"On Experimental-Ammignical Methods for Johning Problems Conserving Gravity Seepage."

report presented at the First All-Union Congress on Shearer text and Applical Mechanics, Moscow, 17 Jan - 3 Feb 1960.

GLUSHCHENKO, A.A.[Hlushchenko, A.A.] (Kiyev)

Determining parameters connected with the solution of certain problems of pressureless filtration. Prykl. mekh. 6 no.2:180-185 '60. (MIRA 13:8)

1. Kiyevskiy gosudarstvennyy universitet. (Soil percolation)



GIUSHCHENKO, A.A. [Hlushchenko, A.A.]

Problem in seepage from a canal [with summary in English].

Dop.AH UESR no.3:273-277 '61. (MIRA 14:3)

1. Nivered goonderstvennyy universitet. Predstavleno akademikom
Al USSR I.Z.Shtolalo.

(Seepage)

S/124/63/000/002/006/052 D234/D308

AUTHORS:

Glushchenko, A.A. and Lalak, A.I.

TITLE:

Solution of some problems in the modeling of con-

formally representable domains

PERIODICAL:

Card 1/2

Referativnyy zhurnal, Mekhanika, no. 2, 1963, 49, abstract 2B283 (Dokl. 4-y Mezhvuz. konferentsii po primeneniyu fiz. i matem. modelirovaniya v razlich.

otraslyakh tekhn. Sb. 1. M., 1962, 45-58)

The authors consider the application of G.N. Polozhiy's method (Dokl. AN SSSR, 1955, v. 104, no. 1) to the conformal representation of a simply connected domain G on  $G_1$ , the boundary of G or  $G_1$  being determined with an accuracy of up to one parameter  $\lambda$  (in particular, the length of the cut of the domain). The magnitude of the parameter  $\lambda$  is determined unambiguously by the condition of a given transition of four points of the boundary of  $G_1$ . The authors show the solution of two problems of plane steady filtration requiring a mapping of the hodograph domain of the velocity

S/124/63/000/002/006/052 D234/D308

Solution of some problems ...

with determination of the length of the cut. Lassian abstracter's note: A better method of conformal mapping of domains with indetermined parameters (also in hydrodynamic problems solved by the method of velocity hodograph) was first applied by the abstracter in 1949 (Konformnoye otobrazheniye dvusvy; znykh oblastey s pomoshshyu elektricheskogo modelirovaniya (Conformal mapping of doubly connected domains by electric simulation) leshvuz. konferentsiya po primeneniyu fiz. modelirovaniya v elektricheskikh zadachakh i matem. modelirovaniya 9-16 maya 1957, M., 1957 M. Ye. Deych, G.S. Samoylovich. Osnoy aerodinamiki osevykh turbomashin (Aerodynamic principles of axial turbines) M., Mashgiz, 1959-RZhbekh, no. 10, 1960, 15054) 7. Reference 11 is wrongly dated in the paper (should be 1959). 16

∠Abstracter's note: Complete translation 

✓

Card 2/2

#### "APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515420011-2

\$/041/63/015/001/006/009 B187/B102

AUTHOR:

Glushchenko, A. A. (Kiyev)

TITIE:

On a method of solving filtration problems

PERIODICAL: Ukrainskiy matematicheskiy zhurnal, v. 15, no. 1, 1963, 79-85

TEXT: The author refers to a paper by G. N. Polozhiy (DAN SSSR, v. 104, no. 1, 1955) on the conformal mapping of singly and doubly connected domains and on the determination of the Christoffel-Schwarz constants with the aid of a mathematical device in which the domains to be mapped are completely determined. He extends this method to the case where the domains to be mapped are not completely determined but depend on certain parameters. The unknown parameters are determined with the aid of surface models of the domains to be mapped conformally from electrically conductive paper. This is done by an analogy method, comparing the electrical resistances on the basis of two theorems on the uniqueness of the parameter values for which the mapping is made. The method described makes it relatively easy to solve filter problems whose analytical solution encounters difficulties in the numerical execution practically impossible to overcome. A description as well as a solution of two examples of filter problems are Card 1/2

On a method of solving ...

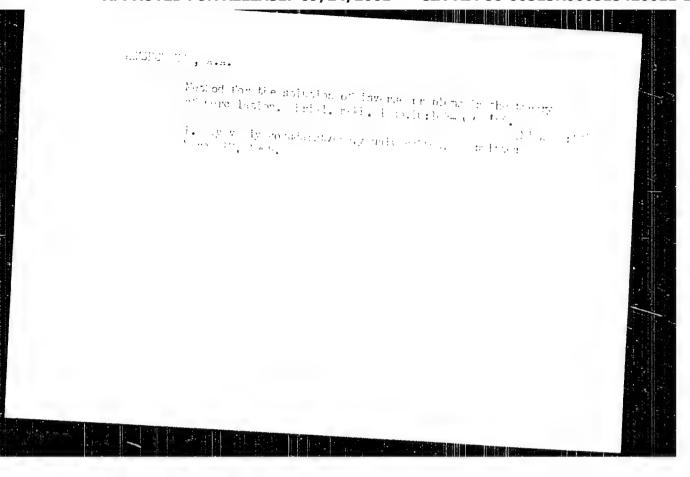
S/041/63/015/001/006/009 B187/B102

given: filtration from an equidistant and symmetrically arranged channel system in drains was solved analytically by V. I. Aravin (Izvestiya manchaoissledovatel'skogo in-ta gidrotekhniki, V. 18, 1936). The parameter values were not determined. The values obtained by the present methods agree well with those obtained experimentally and are tabulated for comparison. V. V. Vedernikov studies the filtration in the presence of a draining or waterbearing layer (DAN SSSR, v. 69, no. 5, 1949). His studies were not extended as far as the numerical values. It is a filtration process paying attention to the capillarity of the ground from a channel of rectangular cross section with lateral walls impermeable to water. The bottom consists of a layer of given thickness with homogeneous permeability to water separating the channel from a water-bearing layer, permeable to water, under constant water pressure. The interdependences determined between the parameters are shown graphically. There are 4 figures and 1 table.

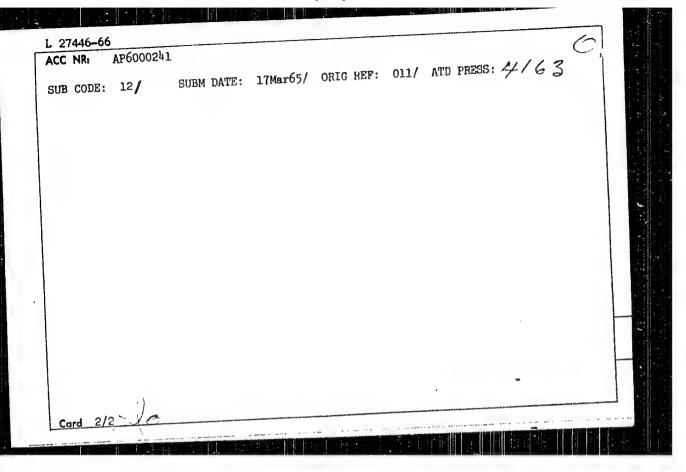
SUBMITTED: Nov

November 28, 1960

Card 2/2



E # T(d) = IJP(c)L 27446-66 SOURCE CODE: UR/0198/65/001/010/0103/0109 ACC NRI AP6000241 1111 AUTHOR: Glushchenko, A. A. (Kiev) ORG: Kiev State University (Kiyevskiy gosudarstvennyy universitet) TITLE: A method for solving the inverse problem in the filtration theory SOURCE: Prikladnaya mekhanika, v. 1, no. 10, 1965, 103-109 TOPIC TAGS: filtration theory, inverse boundary value problem, conformal mapping, Schwarz Christoffel transformation ABSTRACT: The inverse boundary-value problem of the theory of filtration, which consists in determining the unknown part of the filtration domain G in which the solutions of equations describing the filtration process are sought, is solved by conformal mapping under the assumption that the subjacent layer under the filtration domain is highly permeable. The essential part in solving this inverse problem consists in determining that transformation function which conformally maps the hodograph of the reduced complex potential onto the hodograph of the Zhukovskiy (Joukowski) function. The construction of the transformation function is considered for four particular cases of pressure distributions. The exact solution of the inverse problem using the Schwarz-Christoffel transformation is presented for one of these particular cases. In the other three cases, the transformation function is found by an approximate method based on the electrical simulation of mapping domains. art. has: 5 figures and 25 formulas. Card 1/2



# "APPROVED FOR RELEASE: 09/24/2001

### CIA-RDP86-00513R000515420011-2

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L 04. 30-67 IM(n)ACC NR: AP6026294

SOUTHUR CORD : \*##/FORD TERFOL OF 70,839/0343

AUTHOR: Hlushchenko, A. A. -- Glushchenko, J. F.

orl: Fiew State University (Kyyivs'kyyi derzhave od maiversytet)

THILL: Numerical solution of some three-dimensional problems in the theory of filtration

COURCE: AN UkrRSR. Depovidi, no. 7, 1966, 839-843

TOPIC TAGS: filtration, hydrostatic pressure, hydraulic fluid

MOTIMOT: In the present article, closed solutions for several filtration problems are obtained on the basis of G. M. Polozhiy's method. A specific case is considered for the pressure filtration under a lock apron and a concrete dam. The solution of a three-dimensional filtration problem is reduced to finding the potential of the rate of filtration 0,

 $\varphi = - \kappa h, h = y + \frac{p}{\gamma_0}$ 

where k is the hydrostatic pressure, \* is the filtration coefficient, p is the pressure,  $\gamma_0$  is the density of liquid, and y is the vertical space coordinate. Cases are considered with drained aprons, with the existence of definite drain sections, when the filtration region is bounded from the bottom not by the dam, but by a horizontal

Card 1/2

CC NR: AP6026294	0	
rainage bed in which the pressure is known an prons. Presented by Yu. O. Mytropol's'kyy, A ormulas, 1 figure.	nd when the system consists of several Academician AN URSR, Orig. art, has: 20	
UB CODE: 12,13/ SUBM DATE: 04Feb66/	ORIG REF: 005	6
V. M.		

Clushchenko, A.F.

Clover leaf weevil Phytonomus nigrirostris (Coleoptera, Curculionidae) as a clover pest in Leningrad Province. Ent. obs. 14:
99-107 '55.

1. Kafedra obshchey entomologii Leningradskogo sel'skokhozyaystvennogo instituta.

(Leningrad Province--Clover-leaf weevil)

GLUSHCHENKO, Anatoliy Pedorovich; REUTSKAYA, O.Ye., red.; CHUNATEVA, Z.V., tekhn.red.

[Protecting legumes from pests (non-Chernozen zone of the U.S.S.R.] Zashchita bobovykh kul'tur ot vreditelei (nechernozennaia polosa SSSR). Leningrad, 1961. 69 p.

(MIRA 14:6)

(Legumes—Diseases and pests)

GLUSHCHERKO, A.F. (Pushkin, Lesingraiskoy obl.)

Correspondence school for training specialists. Zashca. rast. ot vred. i bol. 8 no.7:9-11 J1 '63. (MRK 16:9)

1. Zanestitel' mekana zaochnogo fakul'teta mashchity restemly Leningratakego sel'skoknomynystvennogo instituta.

ESSR Ledicine - Redical Institutes Ledicine - Ctardisolaty, they have a lay/dum hy
"Transactions of the Tadrolvician state bedical Institute" is
"Yest Oto-Mino-laringed" No. 3 1949
Reviews all of Vol II of the collected works of subject institute. Seven reports are sentioned, the rejection of collected works of subject institute. The first and of an eric not a subject is an also "Local Lovecain docking as a ledical of rigidity shows in Tagles 1a," by
Yo. 7. Topereka, and A Case of Acute benishing thin an infection of the lar 1th Chatus flysica Lymphaticus," by Y. P. Fopereka and a. b. Fosetheako. Success of the other reports are Frof Ya. L. Hoto, Y. A. Che and E. V. Fike.

The Shfield

GLUSHOHERKO, A. F. Serviced Doffer (resp. "Data and respective pathorery of Sectional Socializations." (Fitter in 1-Sectional and control is to " efficient, 1987. If process (stationated State ed inst. abundle-line-Sino (Avangemun). Addaptes.

(KL, 23-57, 116)

SHERSHAVKIN, S.V., doktor med.nauk; GLUSHCHENKO, A.G., red.

[Concise practical manual of procedures in forensic medicine]

Kratkoe metodicheskoe posobie dlia prakticheskikh zaniatii po
sudebnoi meditsine. Stalinabad, 1957. 43 p. (MIRA 10:12)

1. Stalinabad. Gosuderstvennyy meditsinskiy institut im. Abunli-Ibn-Sino
(Avitsenny). Kafedra sudebnoy meditsiny. 2. Zaveduyushchiy kafedroy
sudebnoy meditsiny, Stalinabadskiy gosuderstvennyy meditsinskiy
institut im. Abunli-Ibn-Sino (Avitsenny) (for Shershavkin).

(MEDICAL JURISPRUDENCE)



GLUSHCHERKO, A.G.; SLEPUSHKINA, I.I.

Physical development of preschool children, students in schools of general education and students in trade schools in Kiev. Gig. i san. 2h no.9:6h-69 S '59.

(MIRA 13:1)

1. Iz kafodry girlyeny detey i podrostkov Klyevskogo meditsinskogo instituta.

(GROWTH)

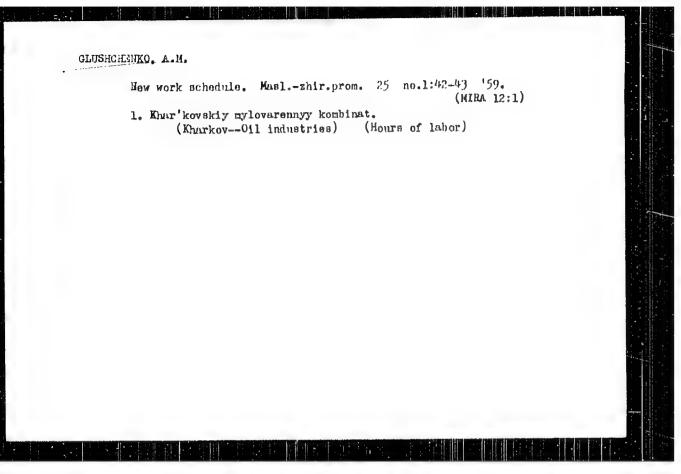
(STUDENTS)

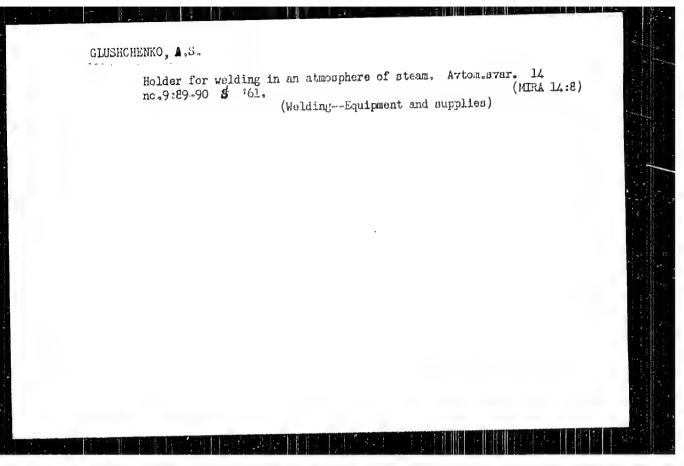
MEDEIK, G.L., dotesno; LORECTS. O.G., dotsent; ERAGIESKIY, E.M., dotsent; QUESHCHETZO, A.S. (Duchanbe)

Functional activity of the adrenal cortex in people in high mountain regions. Probl.endek.i gorm. no.42104-106 '62.

1. In kafedr farmakelegii, normal'noy fiziologii, fakul'tetskoy templi i sudebnoy meditainy meditainskogo instituta (dir. Z.P. Khadobayev).

(ADRENAL CORTEX) (ALTITUDE, INFLUENCE OF)





BORT, Mikhail Mikhaylovich, kand. tekhn. nauk; SHEVCHENKO, Viktor Prokov'yevich; inzh.; GLUSECHENKO, Andrey Semenovich; VASILENKO, V.P.; red.; TIMOSHEVSEAYA, A.A., tekhn. red.

> [Metal cutting with oxygen at low pressure Rezka metalla kislovodom nizkogo davlenina. Donetsko Donetskoe knizhnoe izdavo, 1961. 29 p. (KLA 15:9)

(Gas wolding and curting)

SHEVCHENKO, V.F., inzh.; SAPIRO, I.S., inzh.; GLUSHCHENKO, A.S., inzh.

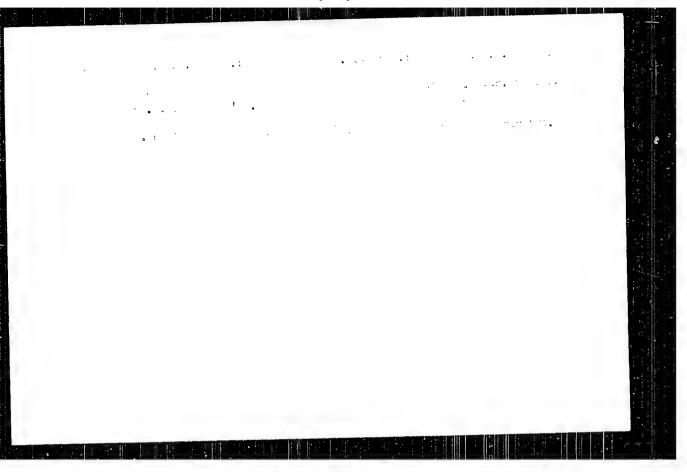
Pack cutting with low-pressure exyren. Svar.prol.zv. No.4:36
Ap '62. (MIRA 15:3)

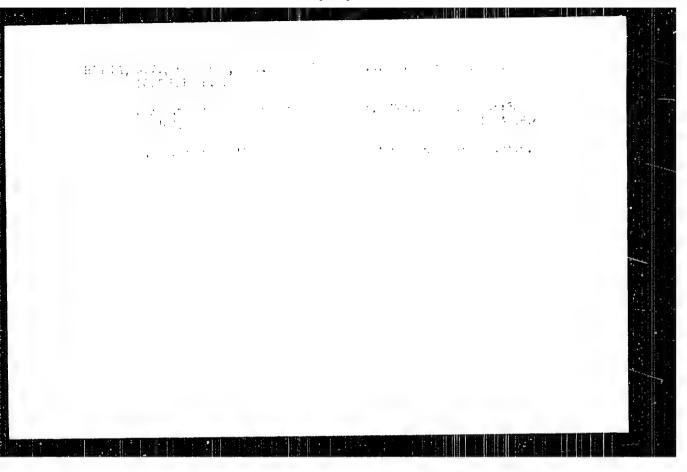
1. Donetskiy mashinostroitel'nyy zavod imeni 15-letiya Leninskogo kommunisticheskogo soyuza molodezhi Ukrainy.

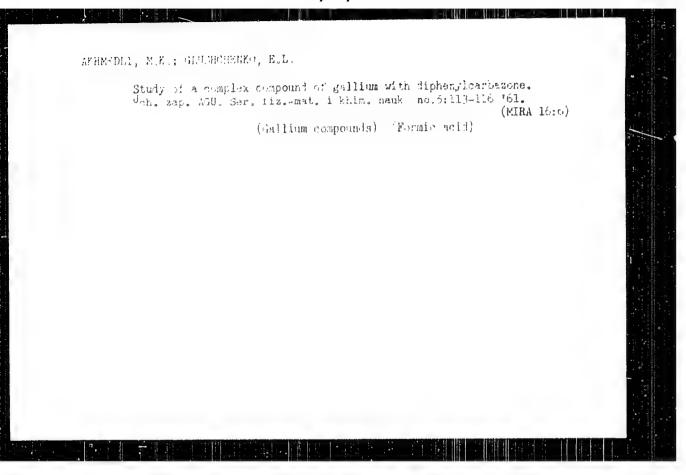
(Gas welding and cutting)

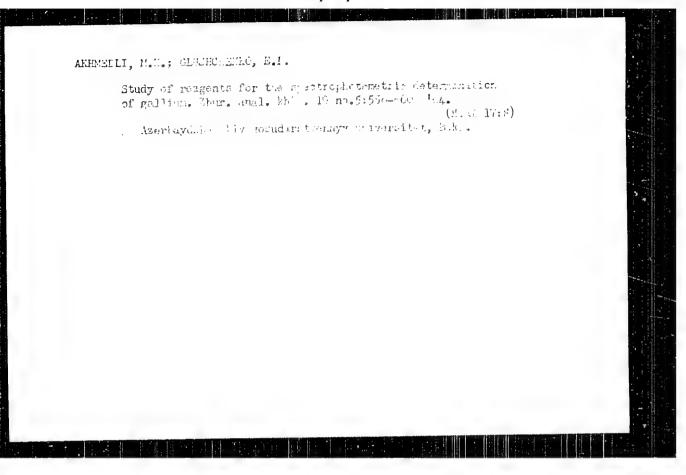
GLUSHCHENKO, A.C., 1875. MARLOV, V.A., 1828.; FOLTORAK, F.A., 1828.

Converding the RELEVIC outters for operation on natural gam. Syspectrological gam. Syspectrol









L 3hh98-65 EWT(m)/EWP(t)/EWP(b)/EWA(h) Pebs/0078/05/010/001/0098/01025

AUTHOR: Akhmedli, M. K.; Glushchenko, E. L.

TITLE: Spectrophotometric study of the reaction of aluminum, gallium, indium and thallium (III) chlorides with xylenol orange

SOURCE: Zhurnal neorganicheskoy khimii, v. 10, no. 1, 1965, 98-102

TOPIC TAGS: xylenol orange, complexing, xylenol orange aluminum complex, xylenol orange gallium complex, xylenol orange indium complex, xylenol orange thallium complex, absorption spectrum, extinction coefficient, triplienylmethane indicator

ABSTRACT: Complex formation between Ga; Al, In and Tl (III) and xylenol crange was studied, and their absorption spectra were compared with spectra of the ionic form of xylenol orange in an alkaline medium. The optimum pH values for the complexes were: Ga 1.7; Al 2.8; In 2.6; Tl (III) 3.15. All the complexes had a 1:1 ratio. Heating enhanced complex formation of ions of small dimension with the same charge (Al, Ga). The xylenol orange-gallium complex is subject to the

Card 1/2

L 34498-65 ACCESSION NR: AP5002799

Bouguer, Lambert Beer laws at Ga concentrations of 0.2-1. 17/ml. Comparison of the absorption spectra of the complexes with the ionic form of the reagent at pH 11.9 showed that the coloring was intensified with increasing ion radius and that \$\lambda\_{\text{max}}\$ of Tl was in the longer wave length region than \$\lambda\_{\text{max}}\$ of the ionic form of the reagent. The molar absorption coefficients are similar, and at 1:1 compositions they are in good agreement with the molar extinction of the alkaline form of the reagent. It was suggested that, knowing the composition of the complex, the molar extinction of the alkaline form of the reagent would make it possible to predict fairly accurately the \$\lambda\_{\text{max}}\$ and the molar coefficient of complexes of Group III elements with triphenylmethane dyes. Orig. ar. has 6 figures and 1 table.

ASSOCIATION: Azerbaydzhanskiy gosudarstvennyy universitely (Akerbaydzhanski

State University)

SUBMITTED: 05Jun63

ENCL: 00

SUB CODE:

SS

NR REF SOV: 008

OTHER: 012

Analytical

Card 2/2 18

#### "APPROVED FOR RELEASE: 09/24/2001

#### CIA-RDP86-00513R000515420011-2

AUTHOR: Akamedh, M. K.; Baseirov, E. A. Ghanchenko, E. L.: Zykova, L. I.

ONG: Azerbaydzhan State University im. S. M. Kirov, Base (Azerbaydzhanskiy gosudarstvennyy universitet)

TITLE: Interaction of gallium ions with pyrocatechol violet

SOURCE: Zhurnal analiticheskoy khimii, v. 21, no. 8, 1966, 1022-1026

TOPIC TAGS: gallium, ion, gallium ion, ion interaction, for concentration, pyrocatechol, pyrocatechol violet

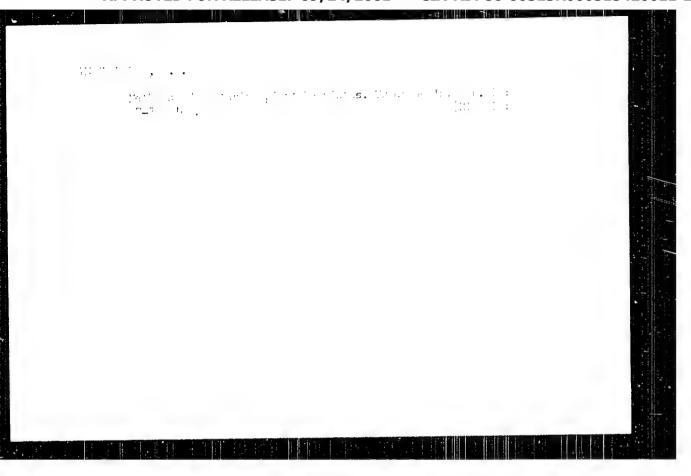
ABSTRACT: Gallium forms colored compound with pyrocatechol violet at

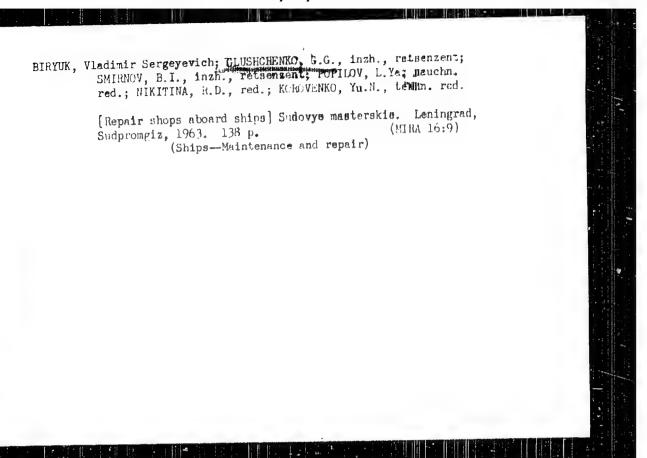
ABSTRACT: Galilium forms colored compound with pyrecutation, veneral pH 5.75-6.7 in an acetate-hydrochloride medium. The components interact in a molar ratio of 1:2. The maximum absorption is at 580 maol, the true molar extinction coefficient is 73,530, and the conditional instability constant is 5:1014. Solutions obey Beer's law within the concentration range of 0.56-3.126/ml of gallium. Such elements as Ai<sup>3+</sup>, In<sup>3+</sup>, Fe<sup>3+</sup>, Cu<sup>2+</sup>, and Ti<sup>3+</sup> interfere in the pi elements determination of gallium, no interference is caused by akidi metals:

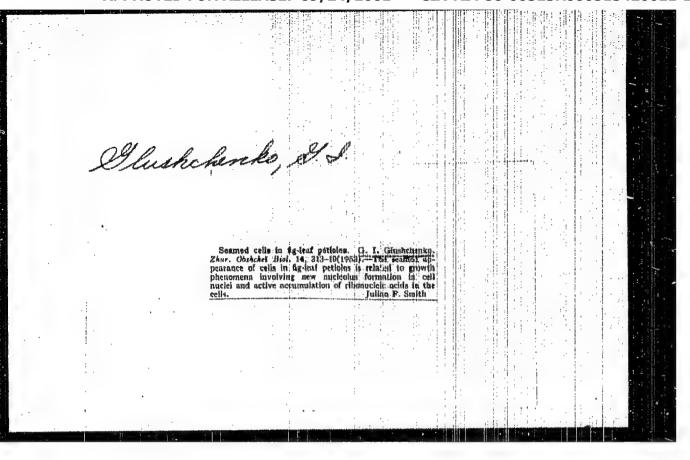
Card 1/2

UDC: 543.70

07930-67 IC NR: AP6033387  As (III, V), $Cd^{2+}$ , $Zn^{2+}$ , $Pb^{2+}$ , $Cr$ (III), $Co^{2+}$ , Mo (VI), $Sn$ (IV), $Ni^{2+}$ , $Ti$ (III),	
As (III, V), Cd <sup>2</sup> , Zn <sup>2</sup> , Pb <sup>2</sup> , Cr (III), Co <sup>2</sup> , Mo (VI), Sh (V), Mr , II (III), Sb (III) interfere only up to definite ratios. The method has been used for gallium determination in pure solutions. The relative experimental error is not more than 4%. The sensitivity of the method is 0.04 µcg/ml. Orig. art. has: 6 figures and 3 tables. [Authors' abstract]	
SUB CODE: 07/ SUBM DATE: 27Apr65/ ORIG REF: 005/ OTH REF: 002/	2
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GUISHCHEMKO, G.I.

Cytoembryological investigations of Allium cepa L. Zhur.ob.biol. 17
no.1:40-45 Ja-F '56. (MLRA 9:6)

1. Moskovskiy gosudarstvennyy universitet imeni M.7.Lomonosova,
Kafedra genetiki i selektsii.

(OHIOMS)

B-2

GLUSHCHENKO, G-1 USSR/General Biology - Cytology. : Ref Zhur - Biol., No 8, 1958, 33319 Abs Jour

: Glushchenko, G.I.

Author : Pata on Cyto-Embryology of Species Alliumnepa L. Inst Title

(Materialy po toito-embriologii vida Alliumcepa L.)

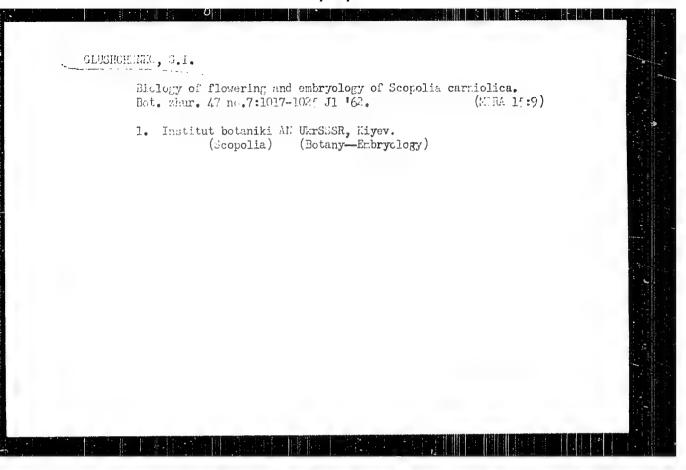
: Izv. AN SSSR, ser . biol., 1957, No 2, 220-233 Crig Pub

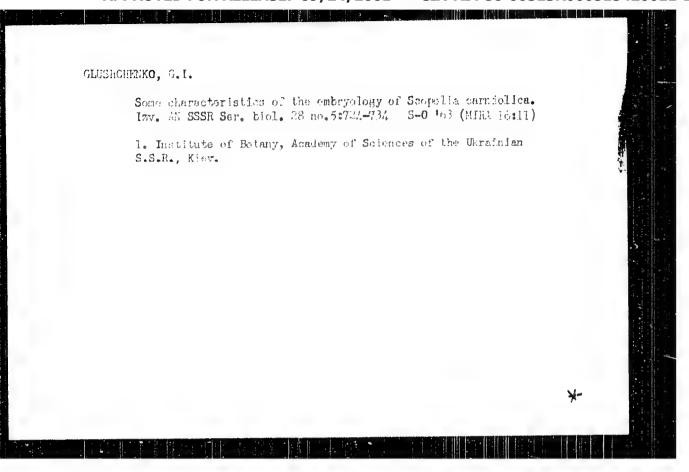
: A study was conducted on the embryology of onion Allium cepa L. The onion Pollen is two-celled; sperm Abstract

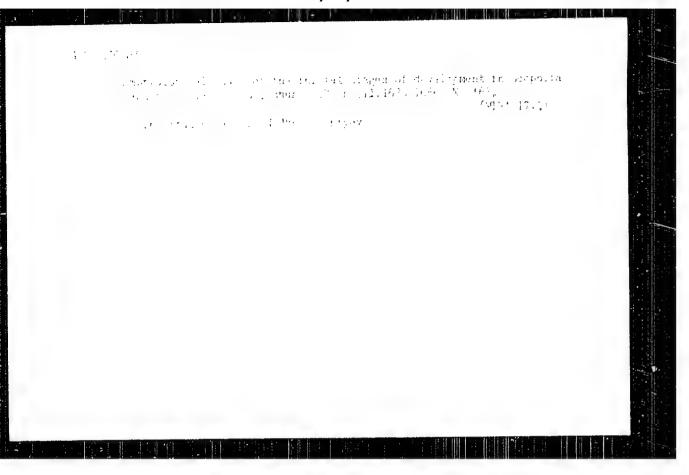
form in the pollen anthers. The overy is tri-chambered, each chamber containing 2 seedbuds. The archesperial cell is laid down 2-3 days before flower opening. In the nucleus of the archesporial cell DNA is not found, while the plasma contains a large quantity of RNA. The embryonic sac of cepa onion develops in an Allium

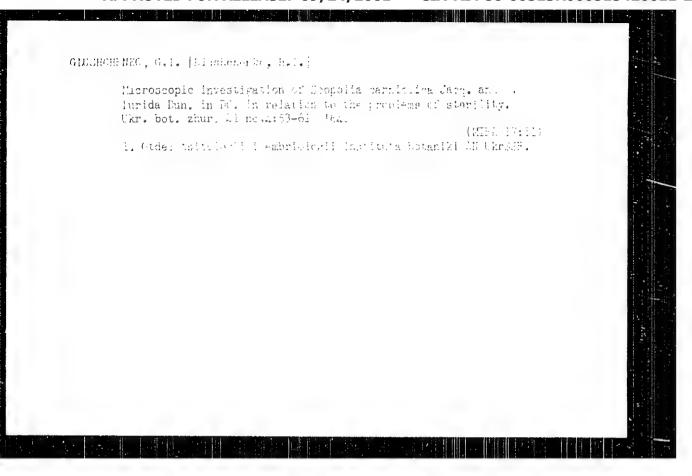
type. The 8-nuclei embryonic sac is characterised by its very large synergides [?] frequently differing in

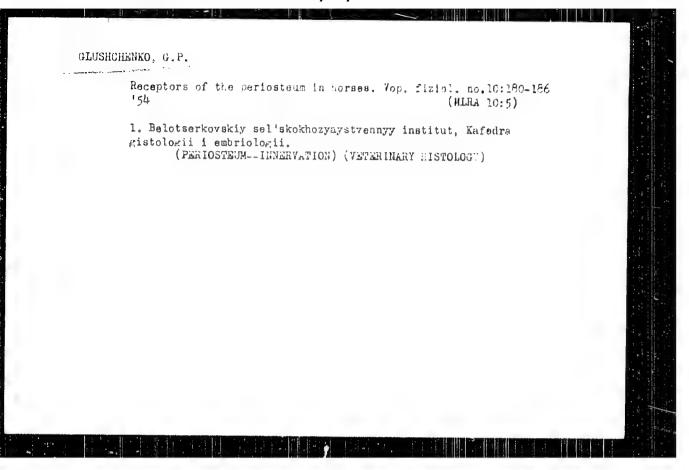
Card 1/2



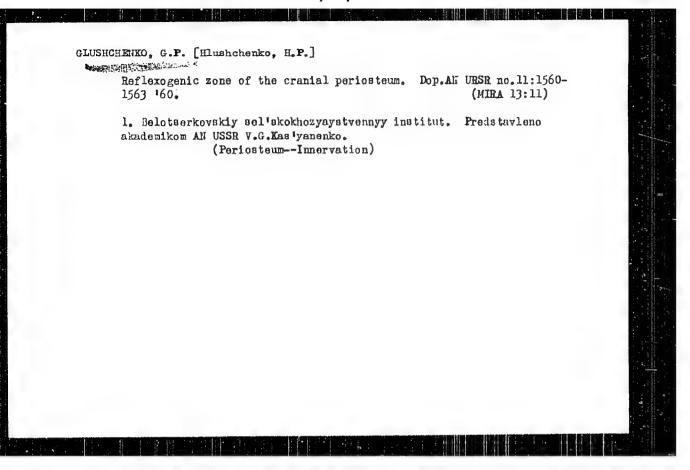










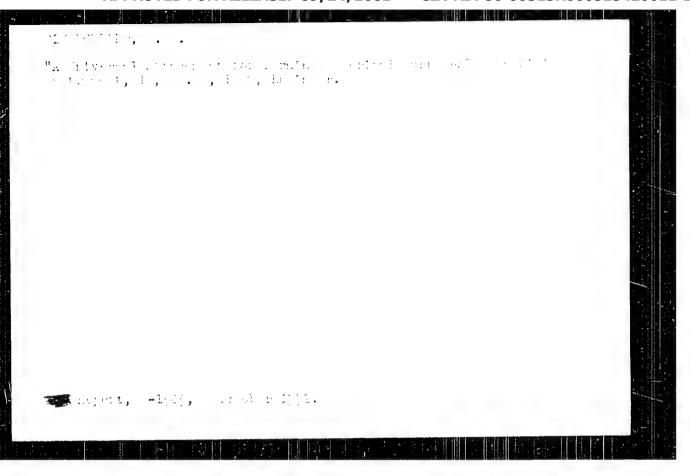


KOWALSKIJ, P.; GLUSCHTSCHENKO, G. F.

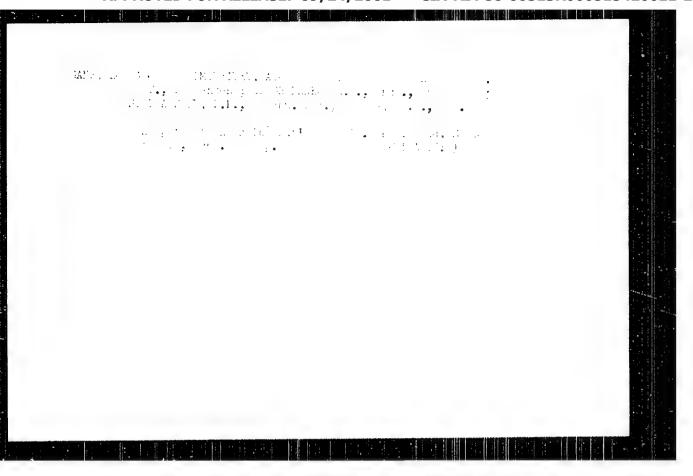
On nerve structures of the periosteum. Ac'a Morph. Acad. Sci. Hung. 11
no.2:167-178 162.

1. Institut fur Histologie, Landwirtschaftliche Hochschule, Bjelaja
Cerkowj, UdSSSR (Direktor: Prof. P. Kowalskij)

(PERIOSTEUM innervation)





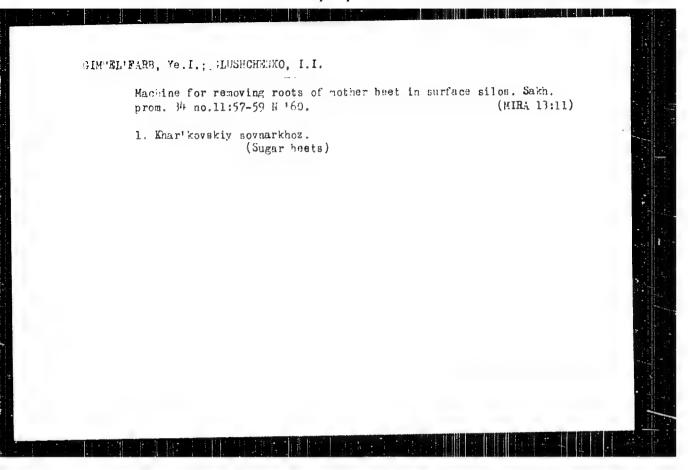


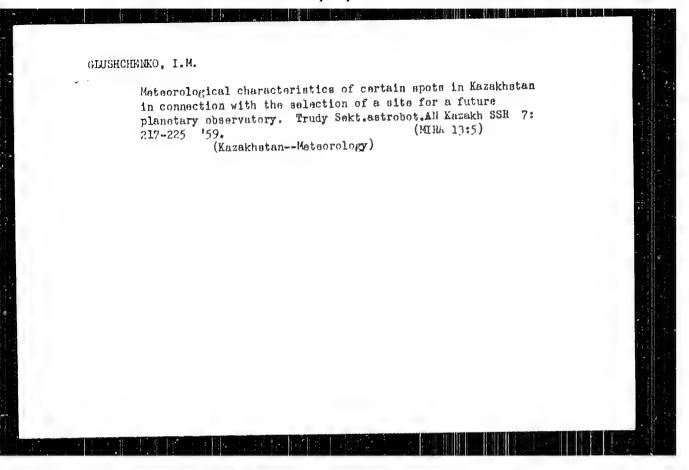


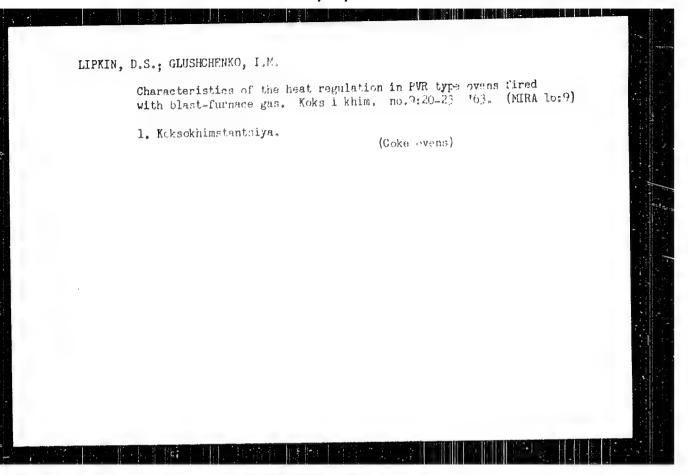
GIMMEL'FARE, Ye.I.; GLUSHCHENKO, 1.1.

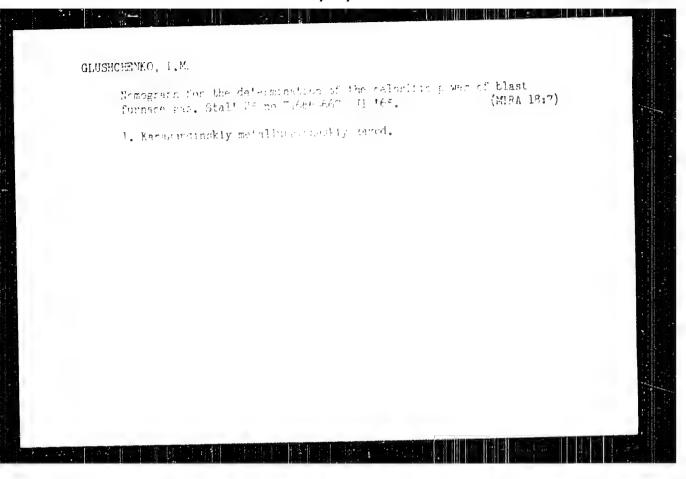
Important problems in sugar beet seed production. Sakh.prom. 30 no.4:62-64 Ap '54. (MLEA 9:8)

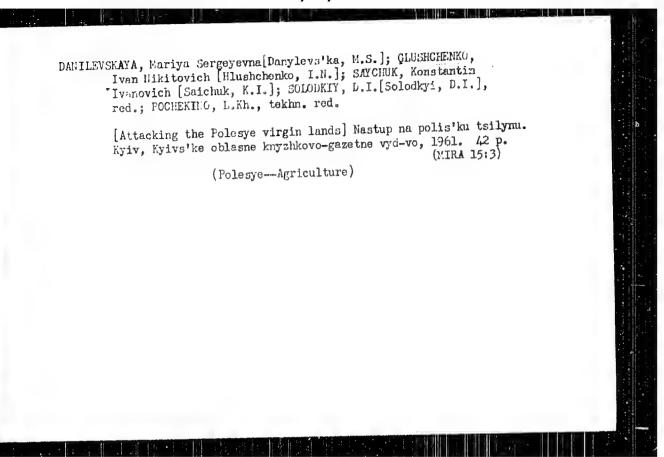
1. Khar'kovskiy sakhsveklotrest (for Gimmel'farb); 2. Semennaya inspektsiya Ukrglavsakhara (for Glushchenko). (Sugar beets)











SOV:24-57-4:4971

Translation from Referativnyy zhurnal Mekhanika 1957, Nr 4 p 147 (USSR)

AUTHOR: Glushchenko, J. P.

TITLE: On the Relationship Between the Stiffness of a Link-plate Type Roller

Traction Chain and Its Pitch (O zavisimosti zhestkost tvago ov

plastinchatoy tsepi ot yeye shaga)

PERIODICAL: Nauch zap Livovsk, politekhn, in ta, 1953, Nr 17 pp 47-58

ABSTRACT: The paper adduces theoretical calculations for the determination of the

static stiffness of drive and traction roller chains. On the strength of an analysis of the deformations of the separate components of the chain and its

links a relationship is established between the pitch of the chain and its

stiffness.

F M Dimentherg

Card I I

#### CIA-RDP86-00513R000515420011-2 "APPROVED FOR RELEASE: 09/24/2001

CLUSTOMY 7.0, I. T.

USSR/Engineering - Chain conveyers

Card

: 1/1

Authors

Glushchenko, I. P., Candidate of Tech. Sciences, Docent

Title

manufaction of the control of the property Research of dynamic phenomena in chain conveyers

Periodical

Vest. Mash., 34, Ed. 6, 7 - 12, June 1954

Abstract

The problems in designing chain conveyers, with a view to increasing their durability, are dealt with and illustrated by formulas and drawings. A description is given of researches conducted in the operation of conveyers that are in constant motion. An analysis is made of the dependence of dynamic stress on the elastic, inertial and speed characteristics of the basic parts of a conveyer. Six Russian references, latest 1951.

Drawings; graph.

Institution : ...

Submitted

SOV-124-57-5-5193

Franslation from: Referationyv zhurnal Mckhanika, 1957, Nr 5, p 14 (USSR)

AUTHOR Glushchenko, ! P.

TITLE:

Elements of the Dynamics of a Nonlinearly connected Two-mass System (Elementy dinamiki odney dyukhmassoroy sistemy s

nellneynoy strazyn)

PER'ODICAL: Doki. Lyovsk politekhn in ja. 1955. Vol.1, Nr.2, pp.58-63

ABSTRACT:

The author investigates he motion of two masses connected by a flexible, ponderable nonextersible thread, which are subjected to the action of a constant dright force applied to the first mass. The system of two nonlinear second order differential equations obtained is linearized under the premise that, in addition to their translational motion, the masses perform small, and hence virtually linear, oscillatory motions about their positions of equilibrium. The solution obtained permits an investigation of the magnitude of the periodically variable force that is exerted by the second mass upon the first mass. Ye. N. Miroslavley

Cara 1 1

50V.124-56-5 Fij.

Translation from Referativnyv zhurnal, Mekhanika, 1988, Nr 5 p 11 USSR-

AUTHOR. Glushchenko, I.P.

TIFLE On the Dynamics of the Starting of Flexible-coupling Transmissions (O dinamike puska peredach gibkov stvaz'vii)

PERIODICAL V sb. Nekotoryve vopr. dinamiki maskin, L'vov. anst. 1956, pp 31-41

ABSTRACT: For the initial stage of starting, when the drive shaft is a motion but the driven shaft has not ver moved at all, an approximate differential equation is set up and then integrated a quadratures. As a result of the integration the initial values are obtained for the second stage of starting, i.e., when both shafts have begun to rotate. For the second stage linearized equations are set up, and on the basis of these a calculation is made of the approximate values of the dynamic stresses present in the driving portion of the transmission.

S.G. Kishtesh

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Card 1/1

attical:

Clushchenko, ..., Antanovich, A.V., Engatyriv I.A.

Clushchenko, ..., Antanovich, A.V., Engatyriv I.A.

Clushchenko, ..., V.I., Lakin, W.I., Endersevich,
I.V., Lakin, V.P., Intrenko, ..., Paperny, Jew.,
Irivalova, K.A., Sithitskiy, Yu.I., Stasikov, Ya.I.,
Ghehepankevich, B.F., Chuchman, T.G., Yagella I.V.

Brilinskiy, B.M., and others

TITLE:

G.Ye. Krushel', Deceased

PERTODICAL: Izvestiya vysshikh uchebnykh maveleniy, Energetika,
1958, Nr 10, p 147 (USCR)

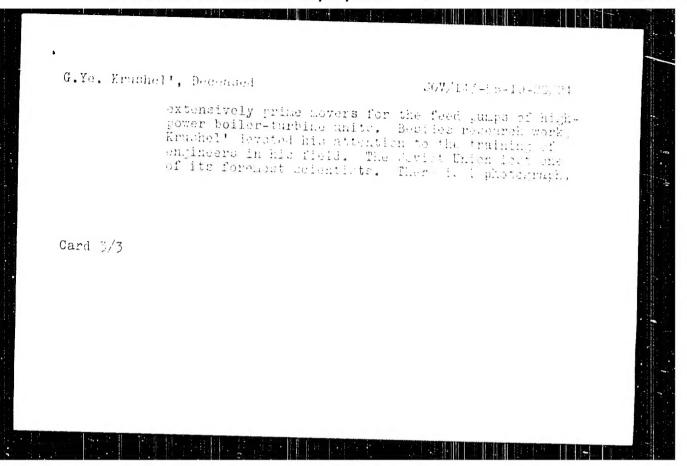
ABSTRACT: This is an obituary of Doctor of Technical Sciences
Professor Georgy Yevgen'yevich Krushol' of the
L'vovskiy politeknnicheskiy institute (L'viv Polytechnic Institute). Krushel' was born in Moscow in 1912
as the son of an engineer. Ha lied on July 20, 1922
because of an accident. He graduated in 1711 from
the "Proftekhshkola". While working in the industry,
G. Ye. Krushel' studied at the Khar'kovskiy mekhanizomashinostroitel'nyy institut (Khar'kov Lustis the of

G.Ye. Krushel', Deceased

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Mechanics and Machine Building) from which he projects ed in 1937. Then he combined the work in the tributry with the of an instructor of the advancers in the stitute. In lade, he defended in deading a fine of attention and in lage the Doctor's presentation. By a Krushel' became a well-mask soft attention the U.CR having published more than an papers. We worked primarily in the field of theoretical and practical heat engineering. These 1945, he worked at the Liver Polytechnic Institute, where a training power plant was built on his initiative. G.Yi. Arushel worked together with workers of Yulh GRID conducting letarled theoretical and experimental investigations concerning the accelerated starting of the collect-surbine units at thermal power plants, proving the economical advantage of loading the turbing without bringing the steam pressure up to the nominal rating. Krushel is one of the inventors of the evaporation cooling of open hearth furnaces. Further, he investigated

Card 2/3



PHASE I BULG EXPLOITATION

SOV/4201

L'vov. Politekhnicheskiy institut

(3/250 30,750

Mekhanika (Mechanics) L'vov, 1959. 69 p. (Series: Its: Doklady, tom 3, vyp. 1/2) 900 copies printed.

Editorial Board: A.I. Andriyevskiy, Doctor of Technical Sciences, Professor; Ya.P.Berkman, Honored Scientist and Technologist UkrSSR, Doctor of Chemistry, Professor; K.B. Karandeyev, Corresponding Member, Academy of Sciences USSR and Academy of Sciences UkrSSR, Doctor of Technical Sciences, Professor; M.S. Komarov (Resp. Ed.), Doctor of Technical Sciences, Professor; V.I. Kuznetsov, Doctor of Geology and Mineralogy; B.F. Levitskiy (Deputy Resp. Ed.), Candidate of Technical Sciences, Docent; V.B. Porfir'yev, Member, Academy of Sciences UKrSSR. Doctor of Geology and Mineralogy, Professor; V.A. Tikhonov (Resp. Secretary), Candidate of Technical Sciences, Docent; Tech. Ed.: T. Veselovskiy.

PURPOSE: This booklet is intended for scientific workers and engineers.

COVERAGE: The booklet contains 12 articles on vibrations, impact stresses, transmission and slider-crank mechanisms, fluid mechanics, and strength of reinforcedconcrete beams. No personalities are mentioned. References follow several of the articles. Card 1/3